

EXECUTIVE SUMMARY
RIVERSIDE GRAIN TERMINAL
CINCINNATI, OHIO
U.S. EPA ID: OHD986966497



The Riverside Grain Terminal site is located along the Ohio River at 3260 Southside Avenue, in Cincinnati, Ohio. The site is composed of two properties. The first, the terminal, consists of a grain elevator with facilities for loading, unloading, and storing grain. This portion of the site has been owned by Early and Daniel Company, Inc. (EDC), since 1964.

In December 1978, EDC purchased a small property adjacent to the terminal that contained an office building and a garage. The building was used by EDC for the storage of equipment and supplies. This property forms the remainder of the site.

An environmental survey of the Riverside Grain Terminal site was conducted in 1987 by a party who had contracted to purchase the site from EDC. The survey revealed four small underground storage tanks located on the portion of the site purchased in December 1978. Two of the tanks were used oil sumps and two were fuel tanks.

Following the discovery of the tanks, one monitoring well was installed at the site, and both groundwater and soil samples were collected. Laboratory analyses of these samples indicated leakage from two or more of the tanks. Analysis of the groundwater sample revealed 940 ppb total aromatic hydrocarbons, 570 ppb total aliphatic hydrocarbons, 15 ppb ethyl benzene, 42 ppb toluene, and 160 ppb total xylenes. Aromatic and aliphatic hydrocarbons were also detected in some of the soil samples.

In response to the results of the environmental audit, EDC proposed cleanup activities for the site, which included the removal of the tanks as well as the excavation of the surrounding contaminated soil. FIT file information, however, does not indicate whether this work has been completed. Ali Moazed of the Ohio Environmental Protection Agency, Southwest District Office, stated that no additional information concerning the site is available at this time.

Because of the lack of targets in the area of the site, which led to the site receiving a low score, FIT believes that this site does not warrant a site inspection.

6590:10



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH D986966 497

II. SITE NAME AND LOCATION

C1 SITE NAME (Legal, common, or descriptive name of site) Riverside grain terminal		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 3260 Southside Ave.			
C3 CITY Cincinnati	04 STATE OH	05 ZIP CODE 45204	06 COUNTY Hamilton	07 COUNTY CODE 61	08 CONG DIST 1
09 COORDINATES LATITUDE 39 05'00.0"		LONGITUDE 084 34'21.8"			

10 DIRECTIONS TO SITE (Starting from nearest public road)
Take River Rd east through Riverside to Carpenter St. Turn right and continue to Southside Ave. Turn left and continue for approx. 1/4 mile on left hand side.

III. RESPONSIBLE PARTIES

C1 OWNER (if known) Early & Daniel Company, Inc.		02 STREET (Business, mailing, residential) 3260 Southside Ave			
C3 CITY CINCINNATI	04 STATE OH	05 ZIP CODE 45204	06 TELEPHONE NUMBER (513) 921-9522		
C7 OPERATOR (if known and different from owner) Same as above		08 STREET (Business, mailing, residential)			
C9 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: ____/____/____ ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE (unknown) 1/87 <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input checked="" type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): UNKNOWN			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1964 / Present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

aromatic hydrocarbons, aliphatic hydrocarbons, ethyl benzene, toluene, xylene

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Contaminants are believed to have migrated to groundwater. Ohio river is near to site and migration to surface water is possible.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (inspection required promptly) ☐ B. MEDIUM (inspection required) ☒ C. LOW (inspect on time available basis) ☒ D. NONE (no further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Jeanine Griffin	02 OF (Agency/Organization) USEPA	03 TELEPHONE NUMBER (513) 285-6357
04 PERSON RESPONSIBLE FOR ASSESSMENT Deborah Hallock	05 AGENCY US EPA	06 ORGANIZATION E&E/FIT
	07 TELEPHONE NUMBER (312) 663-9415	08 DATE ____/____/____ MONTH DAY YEAR



<input type="checkbox"/> A TOXIC	<input checked="" type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE
<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE
<input type="checkbox"/> C RADIOACTIVE	<input checked="" type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input type="checkbox"/> D PERSISTENT	<input checked="" type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input type="checkbox"/> M NOT APPLICABLE

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 1996966497

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Sampling of groundwater showed that solvents from the underground tanks had migrated to the groundwater.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 37268 04 NARRATIVE DESCRIPTION

The potential exists for solvents to contaminate the Ohio River only $\sim \frac{1}{8}$ mi from the site

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none known

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none known

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none known

01 ☒ F. CONTAMINATION OF SOIL <1 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

Sampling of soil indicates that the tanks have leaked aromatic and aliphatic hydrocarbons to the soil.

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none expected

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none known

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none known



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 0986966497

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 37,268

04 NARRATIVE DESCRIPTION

Laboratory analysis indicates two or more of the four tanks are leaking

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none known

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

none expected

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~ 37,268

IV. COMMENTS

See attached narrative

V. SOURCES OF INFORMATION (cite specific references, e. g., state files, sample analysis, reports)

Ref. 1, FIT File Information



ecology and environment, inc.

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TITLE		FIGURE #	
RIVERSIDE GRAIN TERMINAL			
SITE		SCALE	
3260 SOUTHSIDE AVE		1:24000	
CITY		P. A. N.	
CINCINNATI		FOH0902	
SOURCE		DATE	
7.5 MINUTE SERIES		REVISED	